Joshua Baxter

List of Publications by Year
in descending order

7 papers	**119** citations	1937685 **4** h-index	2053705 **5** g-index
8 all docs	**8** docs citations	**8** times ranked	**201** citing authors

#	Article	IF	Citations
1	Plasmonic colours predicted by deep learning. Scientific Reports, 2019, 9, 8074.	3.3	66
2	Topography Tuning for Plasmonic Color Enhancement via Picosecond Laser Bursts. Advanced Optical Materials, 2018, 6, 1800189.	7.3	29
3	Parallel FDTD Modeling of Nonlocality in Plasmonics. IEEE Transactions on Antennas and Propagation, 2021, 69, 3982-3994.	5.1	12
4	Hyperpolarizability of Plasmonic Meta-Atoms in Metasurfaces. Nano Letters, 2021, 21, 51-59.	9.1	9
5	Deep Learning and Inverse Design in Plasmonic. , 2019, , .		1
6	Deep Learning for Engineering Optical Scattering from Plasmonic Nanostructures. , 2021, , .		1
7	Simulating Small Metallic Nanoparticles in FDTD: Nonlocal Correction to the Drude Model. NATO Science for Peace and Security Series B: Physics and Biophysics, 2022, , 299-301.	0.3	1